

XERPIUM

Enterprise Asset Management

Enterprise Resource Planning

Solusi ERP lengkap untuk industri
enterprise asset management

2000+

MODUL

AI

ASSISTANT

SaaS

/ ON
PREMISE

Bahasa Indonesia Edition — brostur.xerpium.com

Ekosistem Manajemen Aset Enterprise-Grade

XERPIUM EAM adalah ekosistem modul manajemen aset tetap yang dibangun di atas XERPIUM 18 — mencakup pendaftaran aset, depresiasi (commercial & fiscal), maintenance, disposal, transfer antar perusahaan, reklassifikasi, revaluasi, dan stok opname fisik.

Pendaftaran & Master Aset

Registrasi aset lengkap dengan parent-child hierarchy, manufacturer, brand, serial number, warranty, kondisi fisik, dan lokasi.

Asset Registration

Parent-Child Hierarchy — Aset induk dengan komponen/detail turunan (asset_ids)

Quantity — Jumlah unit per aset (qty field)

Auto-Create dari Invoice — Asset dibuat otomatis dari Supplier Invoice line dengan asset_category_id

Auto-Create dari Material Receipt — Asset dibuat otomatis saat stock.picking incoming validated (vit_asset_mr)

Auto Code dari Department — Sequence code otomatis dengan unit_code department (vit_asset_detail)

Asset Details

Manufacturer & Brand — res.partner (manufacturer category), brand, model, color

Serial Number — Serial number, number, police number (untuk kendaraan)

Metode Pengadaan — PO, Pembelian Langsung, Hibah, Lainnya

BAST & BAP — Berita Acara Serah Terima & Pemeriksaan

PO & Shipping Link — purchase_order_id, shipping_id, date_received

Warranty Management

Warranty Number — Nomor garansi resmi

Warranty Date — Tanggal berlaku garansi

Service Provider — res.partner (service provider category)

Description — Deskripsi cakupan garansi

Condition & Existence Tracking

Physical Condition — New, Good, Broken, Heavily Broken

Existence Status — Exist, Not Exist, Sold, Write Off, Under Maintenance, Is Guaranteed, Auctioned Off

Tracking — Perubahan condition & existence tercatat dengan timestamp (mail.thread)

Responsible Person — res.users assigned per asset

Location Management

Hierarchical Location — vit.location dengan parent location

Company-bound — Setiap lokasi terikat ke res.company

Movement History — asset_move_ids tracking perpindahan lokasi aset

Last Location — last_location_id auto-updated saat transfer

Asset Category (Hierarchical)

Parent-Child Hierarchy — parent_id, complete_name, complete_code

Code System — Kode kategori dengan auto-complete code (1.01.01 format)

Hierarchy Type — Normal atau View (untuk grouping)

Depreciation Config — Method, period, factor, number of entries

Disposal Accounts — Loss/Profit disposal (sale & write-off)

Account Mapping — Asset account, Depreciation account, Expense account, Journal

Depresiasi — Commercial & Fiscal

Mesin depresiasi dual-track: Commercial (akuntansi) dan Fiscal (pajak) dengan metode Linear dan Degressive, auto-generate journal entries.

Depreciation Line Fields

amount — Current Depreciation (Commercial)

remaining_value — Next Period Depreciation

depreciated_value — Cumulative Depreciation

depreciation_date — Tanggal depresiasi per periode

move_id — Link ke account.move (journal entry)

move_check — Boolean: journal entry exists

move_posted_check — Boolean: journal entry posted

Depreciation Confirmation Wizard

Bulk Confirm — Konfirmasi multiple depreciation lines sekaligus

Auto Journal — Wizard membuat account.move per line

Account Mapping — DR: Depreciation Expense, CR: Accumulated Depreciation

Period Close — Posting depresiasi bulanan/triwulanan otomatis

Fiscal Year Support — last_day_period, fiscyear_last_month config

Transaksi Aset Lifecycle

7 tipe transaksi aset: Disposal, Maintenance, Transfer, Reclassification, Revaluation, Physical Check — semua dengan auto journal entries.

Asset Disposal

Disposal Type — Write Off atau Sale

Disposal Lines — Multiple assets per disposal document

Sale Flow — Customer + sale amount + auto invoice (account.move)

Write-Off Flow — Journal entry: DR Loss Disposal, CR Asset Account

Tax on Disposal — PPN on sale disposal (vit_asset_tax)

Sequence — Auto-number VIT/DISP/####

State — Draft → Open → Done

Asset Maintenance

Maintenance Type — Corrective (breakdown) atau Preventive (scheduled)

Multiple Assets — Satu maintenance untuk banyak aset

Parts Tracking — maintenance_line dengan subtotal per part

Total Cost — Auto-compute total dari line items

Supplier — Maintenance supplier (res.partner)

Responsible & Requested By — Dual user assignment

Sequence — Auto-number VIT/MNT/####

State — Draft → Open → Done

Asset Transfer

Source → Destination Location — Pindah lokasi antar vit.location

Inter-Company — Transfer antar res.company (is_interco auto-detect)

Transfer Lines — Multiple assets per transfer document

Company Source & Destination — company_src_id, company_dest_id

Received Confirmation — vit_asset_received: action_received untuk konfirmasi penerimaan

General Affairs — ga_id assignment

State — Draft → Open → Done

Asset Reclassification

Category Change — Pindah aset ke kategori baru (account.asset.category)

Auto-Update Depreciation — Method, factor, period, number, end date di-update dari kategori baru

Asset Modify — Auto-create asset.modify record untuk audit trail

Multiple Assets — Reclassify banyak aset sekaligus

Sequence — Auto-number VIT/RCL/####

State — Draft → Open → Done

Asset Revaluation

Book Value → New Book Value — Ubah nilai buku aset

Revaluation Account — Account khusus untuk jurnal revaluasi

Auto Journal Entry — move_id: DR/CR asset account vs revaluation account

Validation — Cegah new_book_value = residual value

Sequence — Auto-number VIT/RVL/####

State — Draft → Open → Done

Physical Check (Stok Opname Aset)

Auto-Populate Assets — compute_asset() mengisi semua aset per lokasi

Physical Lines — Per aset: condition, last_location, real_location, qty, real_qty

Condition Check — Bandingkan condition & lokasi sistem vs fisik

Write-Off Journal — Auto-create journal untuk aset yang tidak ditemukan

Location Filter — Filter aset per vit.location

Sequence — Auto-number VIT/PHY/####

State — Draft → Open → Done

Dynamic Stage Workflow

vit.asset_stage — Framework stage configurable untuk semua transaksi aset dengan Python hooks, RBAC groups, dan server actions.

Stage Features

transaction_type — Asset, Disposal, Maintenance, Reclass, Reval, Physical, Transfer

Allow Confirm / Cancel / Reset / Correction / Printout — Boolean flags per stage

execute_enter — Python method dijalankan saat masuk stage

confirmation — Confirmation message per stage

group_ids — RBAC: res.groups yang boleh confirm di stage ini

fold — Kanban fold stage

draft / open / done — Boolean markers untuk stage type

Integrasi Cross-Module

EAM terintegrasi penuh dengan Purchase, Inventory, Accounting, HR, dan Analytic.

EAM ↔ Purchase

purchase.order link di asset master (purchase_order_id)

Auto-create asset dari PO → Material Receipt (vit_asset_mr)

Asset category di stock.move (asset_cat_id) untuk auto-creation

EAM ↔ Inventory

stock.picking link di asset master (shipping_id)

Button validate → auto-create asset (vit_asset_mr)

Stock journal entries (vit_asset_entries)

EAM ↔ Accounting

Auto journal: depreciation, disposal, revaluation, write-off

Account mapping per category: asset, depreciation, expense

Supplier invoice → auto-create asset (invoice_line.asset_create)

Tax on disposal sale (vit_asset_tax)

EAM ↔ HR

Responsible person (res.users) per asset

Auto-detect department dari responsible user

Auto code dengan department unit_code

Maintenance requested_by & responsible_id

EAM ↔ Analytic

account.analytic.account di asset master

Disposal dengan analytic location & business (vit_asset_analytic)

Cost center tracking per asset

EAM ↔ Notifications

Live chat notification saat asset dibuat dari invoice (vit_asset_inherit)

mail.thread tracking untuk condition, existence, state changes

mail.activity.mixin untuk scheduling maintenance

Jurnal Akuntansi Aset

Alur jurnal otomatis dari acquisite, depresiasi, disposal, revaluasi, hingga write-off — terintegrasi penuh dengan base_accounting_kit.

Fitur Akuntansi Aset

Auto Journal — Depreciation, disposal, reval, write-off auto-create account.move

Dual-Track — Commercial & Fiscal depreciation side-by-side

Category-Driven Accounts — Account mapping per asset category

Multi-Company — Inter-company transfer dengan journal entries

Tax on Disposal — PPN otomatis pada sale disposal (vit_asset_tax)

Period Close — Bulk confirm depreciation lines per periode

base_accounting_kit — Core asset engine: linear/degressive, board, lines

Xerpium ERP — xerpium.com

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